



**National Pollutant Discharge Elimination System (NPDES)**

**Storm Water Management Program  
Site Registration Form**

**for**

**West Virginia**

**Municipal Separate Storm Sewer Systems (MS4s)  
General Permit WV0116025**

The site registration application (SRA) is for local governments or other regulated entities to submit the required information necessary for their Stormwater Management Program (SWMP) for compliance under the National Pollutant Discharge Elimination System (NPDES) MS4 General Permit to discharge stormwater runoff from a small municipal separate storm sewer system (MS4).

An authorized signature as required by 47CSR10 is needed to complete the application. All information should be included on this form or if needed, additional information can be attached at the end of the SRA.

**Two (2) copies** of the site registration application form shall be mailed to the address below.

**West Virginia Department of Environmental Protection  
Division of Water and Waste Management – MS4 Program  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304**

## Section I. General Information

---

### MS4 Operator

Part II A.

1.a. Name of City, County or other public entity that operates a small MS4:  
Town of Ceredo

---

1.b. Mailing Address:  
P.O. Box 691 Ceredo, WV 25507

---

Local staff contact, person responsible for overall program implementation and coordination.  
(This is the person DEP will contact as the need arises for more information and/or details about your stormwater management program or general questions concerning stormwater in your community.)

1.c. Name Paul Billups  
1.d. Title Mayor  
1.e. Phone 304-453-1041  
1.f. E-mail address utilities@ceredoWV.gov

### Certification

47CSR10

By completing and submitting this application, I have reviewed and understand and agree to the terms and conditions of #WV0116025 small MS4 General Permit issued on June 22, 2009. I understand that provisions of the MS4 general permit are enforceable by law. Violations of any term and condition of the general permit and/or other applicable law or regulations can lead to enforcement action.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

2.a. Authorized signature \_\_\_\_\_  
(Mayor or Principle Executive Officer)

2.b. Print name \_\_\_\_\_ Paul Billups \_\_\_\_\_

2.c. Title \_\_\_\_\_ Mayor \_\_\_\_\_

2.d. Date \_\_\_\_\_

**Co-permittees** (Complete this section if co-permitting with another MS4 entity)

Part III. A.

- 3.a. Name of MS4 Operator N/A
- 3.b. Contact person
- 3.c. Telephone
- 3.d. Address
- 3.e. Email address
- 3.f. Have legal agreements been finalized between co-permittees?
- 3.g. If yes, provide agreement with this application. (With signatures)

## Section II. Storm Sewer System

---

### **Description of storm sewer system**

- 4.a. Area (in acres) that drains into the MS4 from outside the corporate or jurisdictional boundaries: 50
- 4.b. Area (in acres) within current corporate or jurisdictional boundaries: 700
- 4.c. For all MS4s, population (using the most recent U.S. Census data) for area served: 1411  
(Universities: give current enrollment plus staff and faculty. Transportation agencies: give population of your MS4 in urbanized areas. Prisons; give current inmate plus staff population.)

Part IV.B.

- 4.d. Latitude and Longitude of representative outfall: Outlet 001  
Longitude- Degrees: 82 Minutes: 33' Seconds: 29.05" W  
Latitude- Degrees: 38 Minutes: 23' Seconds: 59.89" N

Tip: The MS4 general permit requires that you sample from one representative outfall twice a year. The location of this outfall will be in your most densely populated area.

Part IV.B.

- 4.e. Describe the physical location of your representative outfall. If a street address is not possible use cross street descriptions. **Outlet 001:** North from the north end of Main street to the Ohio River

Part IV.B.

- 4.f. Describe your monitoring plan to include the frequency and parameters.

#### **Outlet: 001**

Samples will be collected from the representative outfall two (2) times per year; one (1) time in the summer and one (1) time in the spring.

PARAMETER	EPA METHOD NO	MEHOD DETECTION LIMIT (mg/l)
Total Kjeldahl Nitrogen	351.02	0.03
Nitrate Nitrogen	300.0	0.002
Nitrite Nitrogen	300.0	0.004
Total Phosphorous	365.4	0.01
Fecal Coliform	1680 / 1681	1.8 cfu / 100 ml

**Outlet: 002**

Samples will be collected from the representative outfall two (2) times per year; one (1) time in the summer and one (1) time in the spring.

Parameter	Monitoring Cit-Off Concentration (mg/l)
Total Suspended Solids	100
Chloride	860
Total Cyanide	Monitor Only
Total Iron	1.0

Samples shall also be collected during the “first flush: of rainfall runoff, at least twenty (20) minutes, but not more than fifty (50) minutes after a rainfall of at least one half inch (0.50) has begun, preceded by a period of dry weather of at least forty eight (48) hours.

**Storm Sewer Infrastructure**

Provide the most accurate number possible.

5.a. Storm sewers, in feet	5000
5.b. Open ditches, in feet	3000
5.c. Outfalls	5
5.d. Catch basins	20
5.e. Detention* facilities	0
5.f. Retention** facilities	1
5.g. Treatment facilities	0
5.h. Regional stormwater facilities	0

*What’s the difference between Detention and Retention?*

\*DETENTION- short-term storage of stormwater.  
The objective of a detention facility is to regulate the runoff from a given rainfall event and to control discharge rates to reduce the impact on downstream stormwater systems.

\*\*RETENTION– permanent storing of stormwater indefinitely.  
Water is stored until it is lost through percolation, taken in by plants, or through evaporation. Retention systems do not have any discharge of stormwater and associated pollutants.

- 6.a. Does your MS4 receive stormwater discharges from WVDOT storm sewer system, roads or right-of-ways? YES
- 6.b. Does your MS4 discharge into WVDOT storm sewer systems or right-of-ways? YES
- 7. Is your MS4 interconnected with another MS4? (Does stormwater flow into or out of your storm sewer system to or from another MS4?) If yes, describe. NO
- 8. Does your municipality contain combined sewer systems? NO
- 9.a. What percentage is drained by Combined Sewer System? N/A
- 9.b. What percentage is drained by separate storm sewer system? 100%

**Industrial Facilities owned by the MS4 entity**

Part II.C.b.6.d.

- 10.a. Does your MS4 own and/or operate an industrial facility that discharges stormwater into the MS4?  
YES

Tip: These types of facilities include vehicle maintenance garages, vehicle washing or fueling areas, parks and recreational facilities that may store chemicals, pesticides and/or fertilizers, salt storage facility, waste transfer facility, wastewater treatment plants and any other industrial facility. Please note, additional information about your facilities must be provided under Minimum Control Measure #6.

- 10.b. If yes, how many? One (1)

(Item 11 is intentionally empty)

**Map Requirements**

Please provide a legible map that identifies the following information:

- 12.a. City, County or jurisdiction boundaries
- 12.b. State or Federal operated vocational/college/university campuses and military institutions
- 12.c. Urban area as defined by the 2000 Census, use 2010 Census data if available
- 12.d. Municipal, County, or State wastewater treatment plants and their associated outfalls
- 12.e. Landfills
- 12.f. Municipal, County or State operated vehicle or fleet maintenance garages
- 12.g. Any other Municipal, County or State operated industrial activities, these could include; salt storage areas, parks and recreational areas, chemical storage areas, etc.
- 12.h. Arterial, Municipal, or State roads
- 12.i. Stormwater discharge points and receiving streams
- 12.j. Streams and waterways within the MS4
- 12.k. Delineation of watershed area that drains into your MS4

Part II.C.b.3.a.iv.

- 12.l. Submit paper maps folded to 8.5" x 11".

Part II.C.b.3.a.iv.

12.m. Multiple maps must be of the same scale, 1:1000 or 1:2000.

**Receiving Streams and Impaired Waterbodies/TMDLs**

Part III.D.1

List all named receiving waters within your MS4 jurisdiction. Indicate those identified as impaired pursuant to Clean Water Act Section 303(d). For a listing of West Virginia's impaired water bodies and the source of impairment please use WVDEP's most recent 303d list found at this website:

[http://www.dep.wv.gov/WWE/watershed/IR/Pages/303d\\_305b.aspx](http://www.dep.wv.gov/WWE/watershed/IR/Pages/303d_305b.aspx)

Part III.D.1.a.

13. Locations & Pollutants of Concern

Name of receiving stream	Impaired? Yes or No	Parameters of impairment	Has a TMDL been established? Yes or No
Ohio River (Lower)	Yes	Dioxin	Yes
Ohio River (Lower)	Yes	Bacteria	No
Twelvepole Creek	Yes	Fecal Coliform / Iron	No
Jordan Branch	NO	N/A	No

Please add additional pages if needed to list your Receiving Waterbodies and any impairments.

**\*\*IMPORTANT\*\***

MS4s that discharge into a receiving water which has been listed on the West Virginia Section 303(d) list of impaired waters, and with discharges that contain the pollutant(s) for which the water body is impaired, **must document in the SWMP how the BMPs will control the discharge of the pollutant(s) of concern.** They must demonstrate that there will be no increase of the pollutants of concern. As you work your way through, describing the various practices, consider how that BMP will address or control the pollutant of concern.

If your MS4 discharges into a water body with an approved TMDL, and that TMDL contains requirements for control of pollutants from the MS4 stormwater discharges, then your SWMP must include BMPs **specifically targeted to achieve the wasteload allocations prescribed by the TMDL.** A monitoring component to assess the effectiveness of the BMPs in achieving the wasteload allocations must also be included in the SWMP. Monitoring shall be specific for the pollutants of concern and be of sufficient frequency to determine if the stormwater BMPs are adequate to meet wasteload allocations. Monitoring can entail a number of activities including but not limited to: outfall monitoring, in-stream monitoring, and/or modeling.

14.a. List and quantify the BMPs you plan to implement to address each impairment. For each BMP describe how it is expected to control the pollutant of concern.

### **Ohio River (Lower)**

**Dioxin:** The Town has and will continue to enforce the ordinance prohibiting the open burning of garbage. Residents' garbage is scheduled for collection two (2) times during a normal work week which eliminates the need to burn garbage.

**PCBs:** The Town of Ceredo will watch for and monitor transformers and/or capacitors that may establish a leak. If a leak is found, it will be reported and the cleanup activities will be monitored by the Town of Ceredo personnel.

**Bacteria:** The Town of Ceredo operates a separate sanitary sewer collection system. There are no known overflows or interconnections with the stormwater collection system. Both systems serve the population of the Town and the Town will continue to operate both systems in accordance with NPDES permits.

### **Twelvepole Creek:**

**Fecal Coliform:** The Town of Ceredo operates a separate sanitary sewer collection system. There are no known overflows or interconnections with the stormwater collection system. Both systems serve the population of the Town and the Town will continue to operate both systems in accordance with NPDES permits.

**Iron:** The engineering firm of Potesta & Associates conducted field fact finding along Hubbard Branch, Jordan Branch, and Twelve Pole Creek. This was to find and identify significant areas of stream bank erosion for the Town of Ceredo. Eight (8) mitigation projects were identified. A reduction of erosion in stream banks would help to lead to a decrease in iron laden sediment deposited in Twelve Pole Creek which is currently listed as an impaired stream for iron. Where compliance with stormwater management is waived by development or redevelopment activities, a developer applicant can use one of these identified sites to satisfy stormwater management requirements by accomplishing mitigation measures approved by the Designated Manager.

The Town of Ceredo will publish four (4) articles per year for the next four (4) years in a local newspaper, The New Crescent. The articles will increase the public's knowledge of Ceredo's Stormwater Management Program. Topics will include education on the effects of contamination such as: Dioxins, PCBs, Bacteria, Fecal Coliform, and Iron in the streams and waterways of Ceredo. A baseline survey has been administered to twenty-five (25) residents of Ceredo to gauge the public's knowledge of the importance of Stormwater Management and Pollution Control. This survey will be conducted once per year to approximately twenty-five (25) Ceredo residents in an effort to quantify gains in awareness, due to the articles published in the New Crescent.

There are multiple signs placed in the area of the Ceredo Park asking residents to pick up their pet's waste and to place it in the proper waste receptacle.

Ceredo will continue to utilize runoff controls for construction sites in order to minimize the amount of possible contamination from iron sediment.

Tip: BMPs for Fecal Coliform might include a robust pet waste program; sewer line inspections and repair; procedures for identifying and repairing failing septic tanks.

Your plan needs to be quantifiable. For example: how many sewer line inspections do you plan to conduct each year? How many and of what sort of outreach campaigns to the community about pet waste do you plan to conduct, etc.?

- 14.b. Describe your monitoring plan for impaired waterbodies and those with TMDLs. Give locations and frequencies.

The Ohio River (lower), as an impaired waterbody, has impairments for Dioxin, PCB's, and Bacteria. A TMDL has been established for Dioxin and PCB's. The representative Outlet (001) will be sampled for total nitrogen, phosphorous and fecal coliform twice per year; one (1) time in the Spring and one (1) time in the Fall.

Twelve Pole Creek has impairments of fecal coliform and iron. TMDL's have not been established for this stream. Outlet (002), adjacent to a salt storage shed, will be sampled for total suspended solids, chloride, cyanide and iron. Outlet 0002 will be sampled twice per year, One (1) time in the Spring and one (1) time in the Fall. The Latitude and longitudes for both outlets, (001) & (002) are identified in Part IV.B.(4d)

- 14.c. If visual documentation of removal of pollutant sources, is a component of your plan please describe fully. For example, do you plan to use before and after photos?

YES. As part of Ceredo's efforts implementing BMP's associated with Construction Site Run-Off and New and Redevelopment, the designated manager will take photos of project sites over the course of the project, including the implementation of IDDE.

Evaluating the effectiveness of your SWMP for impaired waterbodies/TMDLs

- 14.d. Explain how your approach is expected to achieve wasteload allocations for waterbodies with established TMDLs. Discuss flow monitoring, outfall monitoring, in-stream monitoring, modeling, and/or other methodology to evaluate effectiveness.

Ceredo will continue to collect samples two (2) times per year. Doing this will help the Town to analyze the data which will assist the Town to adjust their BMP and increase their focus on the type of contaminant causing pollution in the sampled waterbody. As an example, the sample data shows an increase in fecal coliform, the Town should increase public outreach through newspaper articles to identify and target pet waste. This monitoring will help to not only judge the effectiveness of the Town's BMP but will also assist the State of West Virginia in implementing their TMDL program.

- 14.e. Explain how will you determine if your SWMP and mix of BMP's need to be modified to meet wasteload allocations?

The Town will continue to collect samples from Outlet 001 through an extended period of time. The data will then be analyzed to help identify trends of impairment parameters.

You are required to evaluate the effectiveness of your stormwater management program and your chosen BMP's. There are a variety of ways to do this. By identifying appropriate evaluation methods early, you then have a road map that will guide overall program implementation and BMP implementation. For example, you might analyze all your monitoring data, assess how aggressively your chosen BMPs were used, and describe any reductions in the pollutant of concern.

### Section III. Minimum Control Measures

---

#### **Instructions:**

For each Minimum Control Measure (MCM), state your control objective and describe BMPs selected for implementation in your jurisdiction. For each BMP, include a brief description, measurable goals, and milestones as appropriate towards achieving each goal. Indicate if the BMP is part of an existing program and if another entity will share responsibility for implementing that BMP.

In cases where another entity will perform one or more BMPs or components thereof on behalf of the permittee, specifically describe the activities each entity will conduct and include reference to legal agreement where appropriate.

Describe as many BMPs as necessary to fulfill the requirements of the small MS4 General Permit. If you need more space attach additional pages.

#### **Measurable Goals**

Measurable goals are numeric or narrative standards used to gauge program effectiveness. These are design objectives or goals that quantify the progress of program implementation. For each BMP a measurable goal must be established. Describe what you expect to accomplish or achieve by certain dates or milestones, when you implement that particular BMP. Your expected outcome or accomplishment should be expressed as a measurable goal. You should have a variety of short and long term goals.

Milestones are a quantifiable target to measure progress toward achieving the activity or implementation of that BMP.

Additional guidance on selecting BMPs and developing measurable goals can be found at the following EPA website: [www.epa.gov/npdes/stormwater/measurablegoals/index.htm](http://www.epa.gov/npdes/stormwater/measurablegoals/index.htm)

USEPA's measureable goal guidance can be found here:  
<http://cfpub.epa.gov/npdes/stormwater/measurablegoals/index.cfm>

#### **Your stormwater management program should specify:**

- *What* needs to happen (Specific stormwater control measure)
- *Who* needs to do it (Which department of the MS4 will be implementing this stormwater control measure?)
- *How much* they need to do (milestones and measurable goals)
- *When* they need to get it done
- *Where* it is to be done

There must be specific performance measures. Without a goal, you will have a difficult time measuring progress.

### **Public Education and Outreach on Storm Water Impacts – MCM #1**

Part II.C.b.1.

#### **Responsible Person**

Identify the responsible person(s) for implementing this MCM. (There may be more than one person or different departments that provide outreach to various targeted groups. If so, discuss.)

- 15.a. Name: Paul Billups
- 15.b. Title: Mayor
- 15.c. Department: Administration
- 15.d. Address: 700 "B" Street, P.O. Box 691 Ceredo, WV 25507
- 15.e. Phone number: 304-453-1041
- 15.f. Email address: [utilities@ceredowv.gov](mailto:utilities@ceredowv.gov)

Part II.C.b.1.

15.g. State your overall objective for this minimum control measure.

To educate the general public about the need for and importance of stormwater protection.

15.h. State and describe your BMPs. Indicate if BMP are part of your existing program.

Over a period of five (5) years the Town of Ceredo will place articles about stormwater protect in the local newspaper, The New Cresnet, which is owned and operated by the Town of Ceredo. The Newspaper is distributed by hand to residents of the Town as well as through the USPS. The articles referencing stormwater protect will be located in a prominent place within the paper. The articles will include discussions about Ceredo's MS4 program which routinely take place during Town Council meetings and also will encourage the public's involvement in the stormwater program. Archived articles from the New Cresnet are posted on the Town's website: [www.ceredowv.gov](http://www.ceredowv.gov).

15.i. Is another entity sharing responsibility for the BMP? If so, who? N/A

#### **MCM Components**

Part II.C.b.1.a.i

15.j. Describe your education and outreach strategy targeting the general public.

Part II.C.a.ii

15.k. Describe your education and outreach strategy targeting businesses including home-based and mobile businesses.

The New Cresnet will be delivered to local business and a website dedicated to stormwater protection can be accessed at [www.stormwater.ceredwv.gov](http://www.stormwater.ceredwv.gov).

All illicit discharges of possible pollutants to the stormwater system by businesses located within the Town's limits are and will continue to be prohibited by the stormwater management ordinance (Article 949 – Stormwater Management). This Article is available online at [www.ceredovv.gov](http://www.ceredovv.gov) or made available at Town Hall during normal business hours.

Part II.C.b.1.a.iii.

15.l. Describe your education and outreach strategy targeting homeowners, landscapers, and property managers.

Articles placed in the New Cresent and on the website [www.stormwater.ceredo.gov](http://www.stormwater.ceredo.gov) will give information concerning; landscaping & lawn care, automotive maintenance, vehicle washing, and pet waste management.

Part II.C.b.1.a.iv

15.m. Describe your education and outreach strategy targeting engineers, contractors, developers, review staff, and land use planners.

A checklist will be provided to all applicants seeking building permits targeting the protection of the stormwater system as well as location and notification of applicable ordinances.

### **Schedule**

Part II.C.a.1

15.n. Provide a schedule for implementing each component, including dates for interim and full implementation.

The Town of Ceredo will continue to place articles in The New Cresent and online. Four articles per year will be placed in the newspaper as well as on the stormwater website. The articles will contain information about Ceredo's MS4 program discussed during regular Town Council meetings. As always, public involvement is encouraged.

### **Measurable Goals**

Part II.B.4

15.o. List and fully describe your Measurable goal(s) for this MCM.

- A. Retain copies of newspaper articles regarding stormwater system protection.
- B. Retain all receipts concerning the cost of printing the newspaper articles.
- C. Utilize a means of identifying delivery dates of the newspaper.
- D. Post newspaper articles on the Town of Ceredo website along with updates on the dedicated stormwater website.

### **Tracking**

Part II.C.b.1.c.

15.p. Describe your plan to track the activities associated with this MCM.

The delivery of the New Cresent will be tracked by receipts gathered, forms identifying dates of delivery, as well as updates to the Town's stormwater website.

## **Evaluation**

Part II.B.7 & Part II.C.b.1.b.

15.q. Explain how you plan to gauge the effectiveness of your public education and outreach efforts.

TIP: Changes in awareness, knowledge, and attitudes can be measured effectively using statistically valid surveys or questionnaires. Other approaches include monitoring attendance at public meetings, tracking requests for information, and counting hits on web sites. Keep in mind that simply reporting the number of meetings held or the number of brochures printed is not an effective method to document changes in stormwater knowledge.

Assess behavior changes. Measurement of change in pollution-generating behavior in a watershed can be an important indicator of progress toward achieving SWMP goals. Examples include: A. Changes in lawn fertilizer sales in response to a publicity campaign, B. Pounds of hazardous waste turned in at collection events, participation in streambank clean-up events, and C. Sign-ups for environmental action pledges.

## **Public Involvement and Participation – MCM #2**

Part II.C.b.2.

### **Responsible Person:**

Identify the responsible person(s) for implementing this MCM. There may be more than one person or different departments responsible for various projects. If so, discuss.

- 16.a. Name: Scott Byard
- 16.b. Title: Stormwater Manager
- 16.c. Department: Administration
- 16.d. Address: 700 "B" Street, P.O. Box 691, Ceredo, WV 25507
- 16.e. Phone number: 304-453-1041
- 16.f. Email address: utilities@ceredowv.gov
  
- 16.g. State your overall objective for this minimum control measure.

Present opportunities to the community which will allow participation, development, and implementation of the Town's Stormwater management plan.

- 16.h. State and describe your BMPs. Indicate if the BMP is part of the existing program.
  - A. Encourage local schools to promote stormwater awareness through education, projects, and activities. (existing)
  - B. Inform citizens through Stormwater articles in the New Crescent about Ceredo's program as it is routinely discussed at Town Council meetings, and encourage public involvement. (existing)
  - C. Opportunities for public participation and/or comments on the development of the Town's SWMP, ordinances and other topics. (existing)

16.i. Is another entity sharing responsibility for the BMP? NO If so, who? N/A

### **MCM Components**

Part II.C.b.2.

16.j. Describe at least two methods you plan to use to engage the public in your SWMP.

Town of Ceredo plans to use the local newspaper to notify residents of upcoming meetings. Also. To utilize the stormwater website for public review and comments on the Town's SWMP.

Part II.C.b.2.a

16.k. Describe how you will accommodate public participation in the decision making process for your SWMP.

Town of Ceredo will provide an up to date/revised copy of the SWMP on the Town's website in order to collect feedback from the public on the proposed SWMP. Comments from the public will be taken under consideration when developing the final SWMP.

Part II.C.b.2.b

16.l. Describe your communication process for notifying groups of opportunities to become involved in stormwater activities in your watershed(s).

Stormwater news paper articles will notify the public that Ceredo's MS4 program is routinely discussed at Town Council meetings, and the public's involvement is encouraged.

Part II.C.b.2.c

16.m. List the URL of your *Stormwater* website. [www.stormwater@ceredowv.gov](http://www.stormwater@ceredowv.gov)

### **Schedule**

Part II.C.a.1

16.n. Provide a timeline of implementation of each component of your program for this MCM, including dates for interim and full implementation.

A. BMP – School Outreach

Town of Ceredo will document the presentation with drawings, quizzes, and pictures. This will be done on an annual basis.

B. BMP – Newspaper Articles

Town of Ceredo will document the number of newspapers delivered and articles published each year.

C. BMP – Public comment on changes to the SWMP

Citizens will be notified by Stormwater newspaper articles the Ceredo's MS4 program is routinely discussed at Town council meetings, and the public's involvement is encouraged.

### **Measurable Goals**

Part IV.A. & Part II.B.4

16.o. List and fully describe your measurable goal(s) for this MCM.

## **Tracking**

Part II.B.7.

16.p. Describe your plan for tracking activities associated with this MCM.

## **Evaluation**

Part II.B.7

16.q. Explain how you plan to gauge the effectiveness of your Public Involvement and Participation program.

## **Illicit Discharge Detection and Elimination – MCM #3**

Part II.C.b.3.

### **Responsible Person**

Identify the responsible person(s) for implementing this MCM. If there is more than one person or department responsible for implementation of this MCM, please discuss.

- 17.a. Name: Scott Byard
- 17.b. Title: Stormwater Manger
- 17.c. Department: Administration
- 17.d. Address: 700 "B" Street, P.O. Box 691, Ceredo, WV 25507
- 17.e. Phone number: 304-453-1041
- 17.f. Email address: utilities@ceredowv.gov
- 17.g. Is another entity sharing responsibility for the MCM? If so, who? Legal Council or other professionals will be contracted to help implement ordinances.

### **Control Objective & BMPs**

17.h. State your overall objective for this MCM.

Decrease illicit discharges into the municipal Stormwater system.  
Maintain current status of the illicit discharges.

17.i. State and describe your BMPs. Indicate if any BMPs are part of your existing program.

### **MCM Components**

Part II.C.b.3.a.

17.j. Do you have a current map of your municipal storm sewer system? YES

Do your map components include/do you plan to include:

Part II.C.b.3.ai

- 17.k. All known storm sewer outfalls? YES
- 17.l. Receiving waters? YES
- 17.m. Structural BMP's owned, operated or maintained by the permittee? YES, if present

- 17.n. The location and type of all other stormwater conveyances located within the boundaries of the permittees MS4 watershed? YES
- 17.o. Updating the known connections to the municipal separate storm sewer authorized after July 22, 2009? YES, if known
- 17.p. Geographic areas that discharge stormwater into the permittees MS4, which may not be located within the municipal boundary? YES

Tip: Your map should show new outfalls, structural stormwater BMPs owned by the MS4, other stormwater conveyances, and other pertinent information. You must update your map on an annual basis.

Part II.C.b.3.b.

17.q. Do you have an IDDE Ordinance?

Part II.C.b.3.b.

17.r. Describe your Ordinance review and update procedure, including milestones of IDDE Ordinance review.

Does your IDDE Ordinance prohibit the following:

Part II.C.b.3.ii

- 17.s. Discharges from hyperchlorinated water line flushing? Yes or No. If not, how are these discharges handled when they occur?
- 17.t. Lawn watering and other irrigation runoff? Yes or No. If not, have you addressed lawn watering in your public education and outreach activities?
- 17.u. Street, parking lot, and sidewalk wash water, and external building wash down? Yes or No. If not, have you addressed these types of runoff in your public education and outreach activities?

Part II.C.b.3.b.v.

17.v. Does your IDDE Ordinance include escalating enforcement procedures and actions?

Part II.C.b.3.b.v.

17.w. Briefly describe your enforcement strategy.

Tip: The IDDE Ordinance shall be reviewed on an annual basis. The Ordinance shall be reviewed to ensure that it contains the necessary required information that the 2009 small MS4 general permit requires.

Your Ordinance is required to prohibit and eliminate non stormwater discharges, illegal discharges, and/or dumping into the storm sewer system, and any necessary procedures for evaluation, assessment, investigation and enforcement to prevent polluted stormwater discharges from entering local streams, lakes or rivers. Except for newly permitted entities, MS4's should already have this Ordinance in place.

Part II.C.b.3.c .

17.x. Describe your field assessment activities, including how many assessments you plan to conduct each year.

Part II.C.b.3.c.i.

17.y. Describe how you will locate "priority areas".

Part II.C.b.3.c .iii

17.z. Describe your procedures for characterization of illicit discharges.

Part II.C.b.3.c .iv

17.aa. Describe your procedures for tracing the source of the discharge.

Part II.C.b.3.c.v

17.bb. Describe your procedures for removing the source of the discharge.

Tip: Each permittee shall continue to assess, update and implement an ongoing program to detect and address non-stormwater discharges, spills, illicit connections and illegal dumping into the MS4.

C.b.3.d.

17.cc. Describe how you will inform public employees, businesses and the general public of hazards associated with illegal discharges and improper disposal of waste.

Part II.C.b.3.f.

17.dd. Describe your plan to training your staff on the identification and reporting of illicit discharges. Include the number of training sessions planned for each year.

### **Schedule**

Part II.C.a.1

17.ee. Describe how and when you will implement each component of program, including dates for interim and full implementation.

### **Measurable Goals**

Part II.B.4

17.ff. List and fully describe your Measurable goal(s) for this MCM:

### **Tracking:**

Part II.C.b.3.d.ii & Part II.C.b.3.e.

17.gg. Describe your procedures for tracking activities related to each component of this MCM.

### **Evaluation**

Part II.B.7

17.hh. Fully explain how you plan to gauge the effectiveness of your IDDE program.

Tip: The IDDE program evaluation can consist of a data base that contains the information including tracking the number and type of spills, illicit discharges identified, inspections conducted, illicit connections removed, and any feedback received from public education efforts. If you have a hotline, you may also be able to determine trends of awareness to your IDDE program.

### **Construction Site Run-off Control – MCM #4**

Part II.C.b.4.

#### **Responsible Person:**

Identify the responsible person(s) for implementing this MCM. There may be more than one person or different departments responsible for various projects. If so, discuss.

- 18.a. Name: Paul Billups
- 18.b. Title: Mayor
- 18.c. Department: Administration
- 18.d. Address: 700 "B" Street, P.O. Box 691, Ceredo, WV 25507
- 18.e. Phone number: 304-453-1041
- 18.f. Email address: utilities@ceredowv.gov
  
- 18.g. Is another entity sharing responsibility for this MCM? If so, who? Legal council may be contracted to help implement ordinances.

#### **Control Objective & BMPs**

- 18.h. State your overall objective for this minimum control measure.
- 18.i. State and describe your BMPs. Indicate which BMPs are part of your existing program.

#### **MCM Components**

Part II.C.b.4.a.

- 18.j. Do you have an Ordinance to control construction site run-off? YES

Part II.C.b.4

- 18.k. Does your program regulate disturbance of one acre or more and also less than one acre if part of a larger common plan? Yes, it regulates disturbance of one (1) acre or larger.  
Does your Ordinance regulate disturbances of less than one acre? NO If so, what is the size threshold?

Part II.C.b.4.a.i-ix.

- 18.l. Does your Ordinance contain the nine required components? YES

Tip: The nine required components your ordinance must address include: Sediment & erosion control BMPs; requirements for construction site operators to actually implement these BMPs and to control waste; demonstration of appropriate NPDES registration; authority for site plan review; authority for public input; authority for site inspections & enforcement; adequate funding for inspections & enforcement; and training for construction site operators.

Part II.C.b.4.b.

18.m. Describe the plan review process for your construction site run off program.

Ceredo will establish a contract with a consulting engineer for review of proposed disturbances for the site one (1) acre or larger or less than one (1) acre if part of common plans. Construction sites, less than one (1) acre will be reviewed by the Town Council, concurrent with building permit application review.

18.n. Describe the inspection process of your construction site run off program.

Ceredo Municipal Field staff will continue to visit construction sites greater than one (1) acre daily (Monday – Friday) during construction to observe activities and to review proposed construction activities.

18.o. Describe the enforcement process of your construction site run off program.

1. No person or entity shall construct or maintain any property, residence or business not in compliance with the standards of this Ordinance.
2. Authorized Stormwater Utility employees bearing proper credentials and identification shall be permitted, after reasonable notice, to enter upon all properties for the purpose of inspection, observation, measurement, sampling and testing in accordance with the provisions of this Ordinance.
3. No person or entity shall fail to provide any report or other requested information or perform any duty required by this Ordinance.
4. The Ceredo Stormwater Utility is authorized to take appropriate legal action to require compliance with this Ordinance.
5. The Ceredo Stormwater Utility is authorized to enforce and collect upon the terms of a payment and performance bond in the event of default of the condition described therein.
6. If, after reasonable notice, a person or entity fails to comply with this Ordinance, the Ceredo Stormwater Utility may cause the work to be done to achieve compliance and shall charge the cost of that work to the person or entity responsible. The responsible person or entity shall pay in full the charged amount within thirty (30) days of the invoice date, or otherwise enter into a binding payment plan, acceptable to the Ceredo Stormwater Utility, for full payment of the invoiced amount.

Part II.C.b.4.b.

18.p. Discuss how your program will address the regulation of both private and public sector construction site run-off.

- A. Only authorized parties by the Ceredo Stormwater Utility may perform construction upon the public facilities of the Stormwater System. Public facilities of the Stormwater System which may be constructed by authorized parties shall include, but not be limited to:

1. Those facilities that serve two (2) or more properties, including, but not limited to, Stormwater System facilities that collect and transmit stormwater from and/or across two (2) or more properties; and,
  2. All taps or other connections from a private lateral to a facility of the stormwater system.
- B. All costs and expenses of the Ceredo Stormwater Utility incidental to the installation of private stormwater facilities, connection of a private facility to the stormwater system, and installation of public facilities to facilitate and/or convey flows from a specific private facility to the stormwater system, shall be born by the owner(s) of the private facility. The amount of, and terms of payment for, these costs and expenses shall be determined by the Ceredo Stormwater Utility for such facility, in its sole discretion.
- C. Parties authorized by the Ceredo Stormwater Utility to perform construction of or upon the stormwater system shall comply with the design and construction standards required by the Ceredo Stormwater Utility. These parties shall allow for the inspection of the construction by the Ceredo Stormwater Utility at all times, and construction shall only occur during normal working hours of the Ceredo Stormwater Utility unless otherwise authorized by the Stormwater Utility. No facility constructed by an authorized party may be covered or connected to the stormwater system without specific authorization Of the Ceredo Stormwater Utility. This authority shall be granted by the Ceredo Stormwater Utility upon satisfaction of the design and construction standards required by the Stormwater Utility for such facility, in its sole discretion.
- D. All public facilities of the Stormwater System shall, upon authorized completion and acceptance, be property of the Ceredo Stormwater Utility.

### Schedule

Part II.C.b.4.a.

- 18.q. The Ordinance shall be reviewed on an annual basis. Describe your Ordinance review and update procedures.

Ceredo will continue to review their ordinances annually, based on efforts to gauge the effectiveness of the program and changes to the NPDES General Permit. If necessary, updates to ordinances will be brought before Town Council for review and approval.

- 18.r. If your Ordinance does not contain the standards required by the permit, provide a schedule for implementation and measureable goals for getting these components into your Ordinance. Include a mid-point and full implementation date.

Tip: The components of your construction site runoff control program must include:

- Plan review and approval process for new development and redevelopment projects
- Inspection protocol
- Development of enforcement strategy
- Education and training for construction site operators
- Development of an application process.
- Record keeping for approved projects, inspections, and enforcement.

## **Measurable Goals**

Part IV.A. & Part II.B.4

18.s. List and fully describe your measurable goal(s) for this minimum control measure.

- A. Training of staff that will perform, review, inspections, and enforcement at construction sites.
- B. Ordinance will be reviewed on an annual basis for compliance with stormwater regulations and to make sure it meets the needs of the community.
- C. Conduct regular inspections for sediment and erosion control. Inspections will be tracked and deficiencies will be followed up and correction and/or enforcement actions will be applied.

## **Tracking**

Part II.B.7.

18.t. Describe your plan for tracking activities associated with this minimum control measure.

All activities related to the MCM will be documented in the Town of Ceredo's computer data base or in the Stormwater Departments MCM< book. Ceredo will keep track of the number of permits, number of construction site inspections, and the number of violations.

## **Evaluation**

Part II.B.7

18.u. Explain how you plan to gauge the effectiveness of your Construction Site Run-off Control program.

Ceredo will keep record of the number of violations found on construction sites. If an excessive amount of violations are noted, then additional education pertaining to site run-off will be required for the contractor.

## **Controlling Run-off from New Development and Redevelopment – MCM #5**

Part II.C.b.5

### **Responsible Person(s):**

Identify the responsible person(s) for implementing this MCM. There may be more than one person or department responsible for various portions of this control measure, if so, discuss.

- 19.a. Name: Paul Billups
- 19.b. Title: Mayor
- 19.c. Department: Administration
- 19.d. Address: 700 "B" Street, P.O. Box 691, Ceredo, WV 25507
- 19.e. Phone number: 304-453-1041
- 19.f. Email address: utilities@ceredowv.gov
  
- 19.g. Is another entity sharing responsibility for this MCM? NO If so, who?

Tip: This MCM will likely have more than one department responsible for implementation. Often planning, zoning, building, public works; sewer boards, and stormwater managers are involved in the new development and re-development program. Explain who deals with each component of this MCM.

**Control Objectives & BMPs**

19.h. State your overall objective for this MCM.

Reduce the overall amount of stormwater run-off and improve the quality of stormwater run-off.

**MCM Components**

***Watershed Protection Elements***

Part II.C.b.5.ai.

19.i. Have you incorporated the six watershed protection elements into your subdivision ordinance or equivalent document? Name the document(s) where each element is found & give the review date for the document. \* If there is no review, describe how you will incorporate the element into your document(s).

Watershed Protection Elements	Name of document that contains the element	*Review Date
1. Minimizing impervious surfaces	Town of Ceredo Stormwater Management Ordinance	Annually
2. Preserving ecologically sensitive areas	N/A	N/A
3. Reducing thermal impacts	N/A	N/A
4. Reducing or avoiding hydromodification	N/A	N/A
5. Tree protection	Ceredo Ordinance – Article 905	Annually
6. Protection of native soils, prevention of compaction of soils	Ceredo Ordinance – Article 905	Annually

Part II.C.b.5.a.i.B

19.j. List your quantifiable objectives for each watershed protection element, including time frames to achieve them.

1. Minimizing impervious surfaces: Minimize creation, extension, and widening of parking lots, roads and associated development.
2. Preserving ecologically sensitive areas: Develop plans that are protective of corridors, headwaters, floodplains, and wetlands.

3. Reducing thermal impacts: Implement practices that prevent or reduce thermal impacts to streams, including requiring vegetated buffers along waterways and review of potential surface water run-off from impervious surfaces such as parking lots.
4. Reducing or avoiding hydromodification: Develop plans to help streams and the Ohio River from hydromodification that may be caused by development, including roads, highways, and bridges.
5. Tree Protection: Town of Ceredo's objective is to reduce run-off from all new development and redevelopment projects and to oversee the number of trees removed from the site.
6. Protection of native soils, prevention of compaction of soils: Ceredo will continue the implementation of policies that are protective of native soils that minimize topsoil stripping, and unnecessary compaction of soils.

19.k. State and describe your BMPs. Indicate if any BMPs are part of your existing program.

The Stormwater Management Ordinance include general provisions, definitions, permit procedures and requirements, general performance criteria for stormwater management, construction inspection, maintenance and repair of stormwater facilities, and enforcement including penalties.

***Site Design Standards***

Part II.C.b.5a.ii.A.1.

19.l. Do you have an ordinance or other enforcement mechanism for the required site design standards? If not, what is your schedule of implementation? Include mid-term and full implementation dates for Ordinance review and enactment.

YES. Section twelve (12) of the ordinance specifies the design standards.

Tip: The site design standards should include managing the 1st 1-inch of rainfall in a 24-hr storm following 48 hrs without rain.  
 There are several practices that manage rainfall on site including: canopy interception, soil amendments, evaporation, rainfall harvesting, engineered infiltration, extended infiltration, and evapotranspiration and any combination of these practices.

Part II.C.b.5.ii.A.2.i,ii

19.m. Does your Ordinance have provisions for reducing pollutant loadings for stormwater discharges from Hot Spots? YES If the project is a potential hot spot and cannot meet water quality treatment with on-site controls, are there provisions for proper disposal of stormwater discharges at a treatment/disposal facility? YES

Part II.C.b.5.ii.A.2.iii

19.n. Do you know where drinking water source protection areas are located within your MS4 watershed?  
 N/A

Describe how this information will be kept confidential, and made available to WVDEP only when requested. N/A

West V

Tip: You may need to coordinate with your local Health Department about where additional discharge protections may be needed to comply with source water protection. Document any obstacles that you encounter in regards to this component.

19.o. Describe your program for reducing impervious surfaces.

Ceredo's Stormwater Management Ordinance states the Town consider mitigation projects that could result in a reduction of existing impervious surfaces. Ceredo will educate local businesses and contractors on the benefits of reducing impervious surfaces by encouraging the use of low impact development or green infrastructure practices.

19.p. If you choose mitigation/payment in lieu for those projects that cannot implement the one inch runoff reduction requirements, please provide a time frame for creating an inventory of appropriate mitigation projects, and your process to develop standards to value, evaluate, and track transactions. (Note: WVDEP has plans to create standard criteria and guidance material to assist MS4's in developing a mitigation and payment in lieu program. If your MS4 does not already have a mitigation or payment in lieu program – make a statement in the SWMP that you do not have one. If you want to use what WVDEP develops, then make a statement to that effect. If you are planning to develop your own mitigation and payment in lieu program, then your SWMP has to include a time frame for development of this program.)

Ceredo does not currently have a mitigation or payment in lieu program.

Part II.C.b.5.ii.B.(1)

19.q. Describe the planning process for new development and redevelopment projects in your MS4.

The Stormwater Management Ordinance requires new development/redevelopment to file a Notice of Intent and submit stormwater management plans including comprehensive drainage plans. New development/redevelopment projects must obtain a stormwater permit issued by the Designated Manager and Town Council.

Part II.C.b.5.ii.B(2)&(3)

19.r. Describe your plan review and approval process for new development and redevelopment projects.

The New Development/Redevelopment Program is being developed on a continuing basis. The program is anticipated to include: procedures for review and approval of a pre-application concept plan, procedures for site plan review and approval, submittal of as-built drawings, post construction verification and an educational program targeting internal staff regarding stormwater management requirements.

Tip: Plan review, approval and enforcement processes include:

- a. Procedures for review and approval of a pre-application concept plan
- b. Procedures for site plan review and approval
- c. Submittal of as-built drawings
- d. Post construction verification
- e. An educational program targeting internal staff and external project proponents about the stormwater management requirements.

Part II.C.b.5.ii.C

19.s. Describe your maintenance procedures for structural stormwater control practices including a detailed discussion about maintenance agreements & your ability to enforce them.

The Stormwater Management Ordinance requires all private facilities located within the greater Ceredo watershed to obtain a stormwater permit. Private stormwater facilities located on private property in the greater Ceredo watershed shall be maintained by the owner or other responsible party and shall be repaired and/or replaced by the responsible party when such facilities are no longer functioning as designed or have been damaged and in need of repair. Enforcement is covered in Code of Ordinance Article 905, which allows the Town of Ceredo to clean and bill the owner.

Part II.C.b.5.ii.D

19.t. Describe your method of inventory and tracking of stormwater control practices for this MCM.

1. Source Control Practices (type, design, number, performance)
2. Treatment control stormwater management practices (type, design, number, performance)
3. Latitude and longitude coordinates of stormwater BMP controls.
4. Photographs of stormwater management practice controls.
5. Maintenance of stormwater practices (frequency of maintenance and inspection)
6. Information concerning inspections (date, findings, work completed, if necessary, follow up)

Tip: The tracking system should accommodate: Source control practices, treatment practices, GIS locations, digital photographs, maintenance requirements, and inspection data.

Part II.C.b.5.ii.E

19.u. Describe your inspection protocol for ensuring stormwater control BMPs/practices function as designed and constructed: How many per year? How often?

Ceredo will inspect the stormwater control BMPs practices once every five (5) years (once per five (5) year permit renewal).

Part II.C.b.5.b.

19.v. Does your MS4 have requirements for street design, parking, and parking lots? YES If so, which departments regulate this? Street Department

**Schedule**

Part II.C.b.5

19.w. Describe how and when you will implement each component of this minimum control measure. Include mid-point and full implementation dates for Ordinance revisions, implementation of plan

review and approval, inspection and enforcement procedures, and for developing/acquiring and using a tracking system.

### **Measurable Goals**

Part IV.A

19.x. List and describe your measurable goals for this MCM.

### **Evaluation**

Part II.B.7

19.y. Describe how you plan to gauge the effectiveness of your program for this MCM.

Ceredo will use the results of samples collected two (2) times per year to gauge the effectiveness of the program.

### **Pollution Prevention/Good Housekeeping for Municipal Operations- MCM #6**

Part II.C.b.6

#### **Responsible Person(s):**

Identify the responsible person(s) for implementing this MCM. There may be more than one person or different departments responsible for various projects. If so, discuss.

20.a. Name: Paul Billups

20.b. Title: Mayor

20.c. Department: Administration

20.d. Address: 700 "B" Street, P.O. Box 691, Ceredo, WV 25507

20.e. Phone number: 304-453-1041

20.f. Email address: utilities@ceredowv.gov

20.g. Is another entity sharing responsibility for this MCM? NO If so, who? N/A

#### **Control Objectives & BMPs**

20.h. State your overall objective for this MCM.

To minimize the risk of release of pollutants to stormwater from municipal operations.

20.i. State and describe your BMPs. Indicate if any BMPs are part of your existing program.

The Town of Ceredo developed a SWPPP (Stormwater Pollution Prevention Plan) which establishes maintenance standards that cover the Municipal facilities listed in 20.j. in order to help protect the physical, chemical and biological integrity of receiving waters. The established procedure and record keeping requirements of the SWPPP will be followed by the Town which include; employee training, contractor training, annual inspections, maintenance/repair, spill report forms, and visual examination of stormwater quality.

#### **MCM Components**

Part II.C.b.6

20.j. List the municipal facilities and their locations owned by your MS4.

1. Maintenance Garage area / intersection of Main Street and "A" Street
2. Utility Shops located next to Town Hall

Tip: List municipally owned or operated facilities that would reasonably be expected to discharge contaminated runoff and are not covered under a NPDES permit. For example; vehicle maintenance garages, vehicle fueling centers, waste transfer operations, golf courses, recreation areas with fertilizer or herbicide storage, salt or other materials storage, municipal construction activities, waste water treatment plant, potable drinking water treatment plant or open landfills.

Part II.C.b.6.a

20.k. Briefly describe your operation and maintenance program for each municipal facility.

Maintenance Garage – Fuel (diesel and gasoline) are stored at this location and is delivered to the site by commercial tank trucks. The drivers are required to be present during fuel transfer and for maintaining spill kits on their trucks in the event of a spill/release during the transfer process. The diked area provides secondary containment required above the One Hundred Ten (110) percent of the largest tank volume.

Utility Shops – These locations have vehicle traffic which has the potential to create dust. maintaining graveled areas and existing vegetation will help to filter the run-off minimizing impact to stormwater and surface water.

Part II.C.b.6.a

20.l. Does each site have a pollution prevention plan? YES Is there a spill response plan included in the pollution prevention plan? YES If not, provide a time frame for developing pollution prevention plans at all MS4 owned municipal facilities, including mid-point and full completion dates.

Part II.C.b.6.b

20.m. Have you identified all the lands owned or operated by your MS4? (Such as parks, road right-of-ways, maintenance yards, and water/sewer/stormwater infrastructure.)

Senior Citizen Center and the Town Museum neither having reasonable potential to pollute.

Part II.C.b.6.b

20.n. Describe your overall pollution control approach policy and procedures for these lands.

West | Tip: Your policy and procedures plan should address fertilizers, pesticides, and herbicides; sediment and erosion control; landscape maintenance and vegetation disposal; trash management; cleaning and maintenance of building exteriors; chemical and material storage; street sweeping & cleaning of inlets/catch basins.

The Town of Ceredo has developed a SWPPP which covers parks and road right-of-ways as well as a Stormwater Management Ordinance.

The SWPPP addresses:

1. Application of fertilizers, pesticides, herbicides including the development of nutrient management and integrated pest management plans.
2. Landscape maintenance and vegetation disposal
3. Trash management
4. Cleaning and maintenance of building exteriors
5. Chemical and material storage
6. Street sweeping and inlet/catch basin cleaning

The Stormwater Management Ordinance addresses sediment and erosion control.

Part II.C.b.6.c

20.o. Describe your training program including your target employees, and how often training occurs.

The Stormwater Utility Board of Ceredo is responsible for training employees in the provision and goals of the SWPPP. This training will include but is not limited to; employee responsibilities with regard to stormwater pollution, proper spill response and reporting, good housekeeping and maintenance, ordinances pertaining to stormwater pollution, including burning garbage. Training will be conducted on an annual basis with refresher training as needed and if the plan under goes substantial revisions, changes or updates. New employees will be trained within three months of their start date.

20.p. For any industrial facilities owned or operated by your MS4, list each facilities registration number under the WV NPDES General Permit for Storm Water Discharges Associated with Industrial Activities or the individual WV NPDES permit number. If your industrial facilities are not covered under another NPDES permit, you must will prompted to provide additional information below.

### **Schedule**

Part II.C.b.6

20.q. Describe how and when you will implement each component of your program for this minimum control measure. Include mid-point and full implementation dates.

Part II.C.b.6

20.r. Describe the inspection schedule for ensuring municipal facilities are in compliance with pollution prevention plans. Inspections will occur one (1) time per year.

### **Measurable Goals**

Part IV.A

20.s. List and fully describe your measurable goals for this MCM.

The municipal facilities will be regulated by WVDEP. Measurable goals are to minimize violations noted by the WVDEP.

### **Tracking**

Part II.B.7 & Part II.C.b.6.a.iii

20.t. Describe your plan for record keeping and tracking of facilities, employee training, pollution prevention plans, and inspections for this MCM.

Ceredo will record:

- 1. Copies of Pollution Prevent Plans
- 2. Annual training records
- 3. New employee training records
- 4. Annual inspection records

**Evaluation**

Part II.B.7

20.u. Explain how you plan to gauge the effectiveness of your good housekeeping/ municipal operations program efforts?

By the inspections done on the facilities and the number of employees trained, with results gained.

**Industrial Stormwater Coverage for Municipal Operations**

If your facility/s discharges stormwater from any industrial operation that is not covered under another NPDES permit, you must now obtain coverage for those discharges.

20.v. For each facility, provide the name and contact information of the operator if applicable.

Garage, fuel storage including salt storage near the intersection of Main and "A" streets. The supervisor of these facilities is Mr. Bob Hush, Street Supervisor.

20.w. For each outlet, list the latitude and longitude to the nearest second and the River Mile Point (if known).

Outlet Number	Longitude			Latitude			River Mile
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	
002	-82	33	27.49	38	23	53.93	

20.x. List the Standard Industrial Classification (SIC) Code designated for your facility/s.

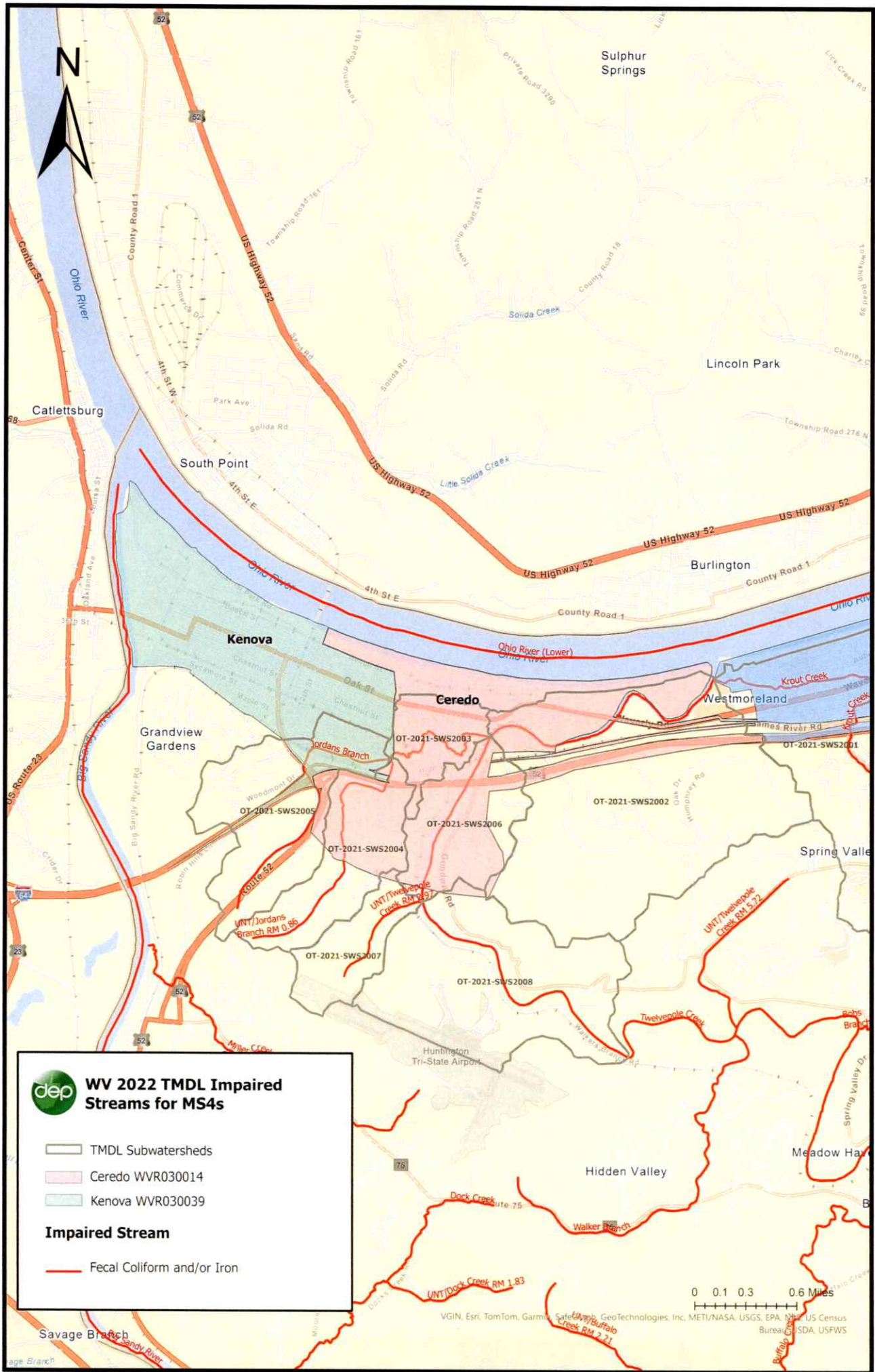
- o Maintenance Garage – 9199
- o Salt Storage -- 5169

20.y. List the nature of activity at the industrial facility.

Vehicle maintenance (under roof), salt storage (under Roof), vehicle washing and fueling

- 20.z. Is there a wet pond at your facility that collects runoff from areas on which industrial activities occur?  
NO If so, how many acres drain into it? N/A
- 20.aa. Is there a dry pond at your facility that collects runoff from areas on which industrial activities occur?  
NO If so, how many acres drain into it? N/A
- 20.bb. Do any of your storm water outlets discharge through an oil water separator? NO If yes, provide the outlet numbers. N/A

Based on your responses to this section, a Discharge Monitoring Report may be issued.



# Town of Ceredo - Water System



1/21/2022, 10:30:12 AM

- World Transportation
- Drop Inlet
- Fire Hydrant
- Manhole
- Pump Station
- Simplex Grinder Pump
- Water Line Valve
- Sanitary Sewer Force Main
- Sanitary Sewer Line
- Storm Sewer Line
- Water Line

VITA, Esri, HERE, IFC

1:2,257

Municipality/ Entity	TMDL Project Year	TMDL approved	SUBID	SWS Code	Stream Name	NHD Code	Pollutant	WLA	unit	% Reduction	area (acres)	assessment unit
Ceredo	Twelvepole	2021	2001	OT-2021-SWS2001	Krout Creek	OT-1	iron	10.02	lbs/yr	39.76	1.556757526	WV-OT-1_01
Ceredo	Twelvepole	2021	2002	OT-2021-SWS2002	Twelvepole Creek	OT	iron	4030.96	lbs/yr	86.75	212.2548401	WV-OT_10
Ceredo	Twelvepole	2021	2003	OT-2021-SWS2003	Jordans Branch	OT-4	iron	876.52	lbs/yr	86.67	145.3352075	WV-OT-4_01
Ceredo	Twelvepole	2021	2004	OT-2021-SWS2004	UNT/Jordans Branch RM 0.86	OT-4-A	iron	480.54	lbs/yr	0.00	158.5908131	WV-OT-4-A_01
Ceredo	Twelvepole	2021	2005	OT-2021-SWS2005	Jordans Branch	OT-4	iron	112.80	lbs/yr	0.00	22.68418109	WV-OT-4_01
Ceredo	Twelvepole	2021	2006	OT-2021-SWS2006	Twelvepole Creek	OT	iron	15597.28	lbs/yr	89.61	226.1185685	WV-OT_10
Ceredo	Twelvepole	2021	2007	OT-2021-SWS2007	UNT/Twelvepole Creek RM 2.97	OT-5	iron	10.50	lbs/yr	0.00	2.668727188	WV-OT-5_01
Ceredo	Twelvepole	2021	2008	OT-2021-SWS2008	Twelvepole Creek	OT	iron	217.43	lbs/yr	89.68	8.006181563	WV-OT_10
Ceredo	Twelvepole	2021	2001	OT-2021-SWS2001	Krout Creek	OT-1	fecal coliform	22,768,583,070.82	counts/yr	0.00	1,556757526	WV-OT-1_01
Ceredo	Twelvepole	2021	2002	OT-2021-SWS2002	Twelvepole Creek	OT	fecal coliform	3,394,609,725,921.00	counts/yr	0.00	212.2548401	WV-OT_10
Ceredo	Twelvepole	2021	2003	OT-2021-SWS2003	Jordans Branch	OT-4	fecal coliform	280,299,337,607.66	counts/yr	89.55	145.3352075	WV-OT-4_01
Ceredo	Twelvepole	2021	2004	OT-2021-SWS2004	UNT/Jordans Branch RM 0.86	OT-4-A	fecal coliform	361,159,214,574.08	counts/yr	70.83	158.5908131	WV-OT-4-A_01
Ceredo	Twelvepole	2021	2005	OT-2021-SWS2005	Jordans Branch	OT-4	fecal coliform	106,398,017,824.11	counts/yr	74.62	22.68418109	WV-OT-4_01
Ceredo	Twelvepole	2021	2006	OT-2021-SWS2006	Twelvepole Creek	OT	fecal coliform	1,809,044,495,067.02	counts/yr	0.00	226.1185685	WV-OT_10
Ceredo	Twelvepole	2021	2007	OT-2021-SWS2007	UNT/Twelvepole Creek RM 2.97	OT-5	fecal coliform	38,027,323,262.98	counts/yr	0.00	2.668727188	WV-OT-5_01
Ceredo	Twelvepole	2021	2008	OT-2021-SWS2008	Twelvepole Creek	OT	fecal coliform	16,038,958,421.51	counts/yr	0.00	8.006181563	WV-OT_10